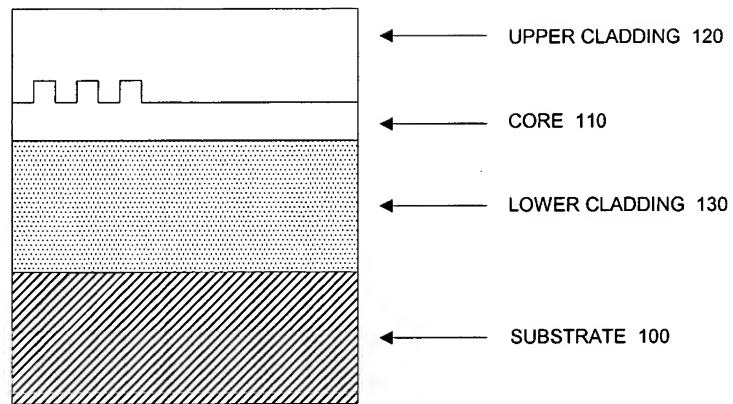


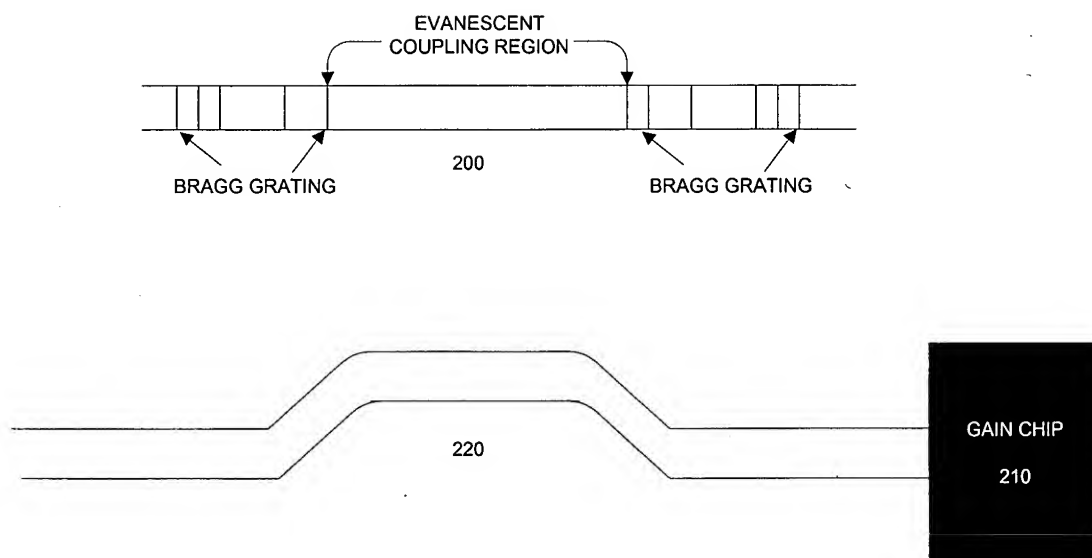
Figure 1



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Figure 2



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Figure 3

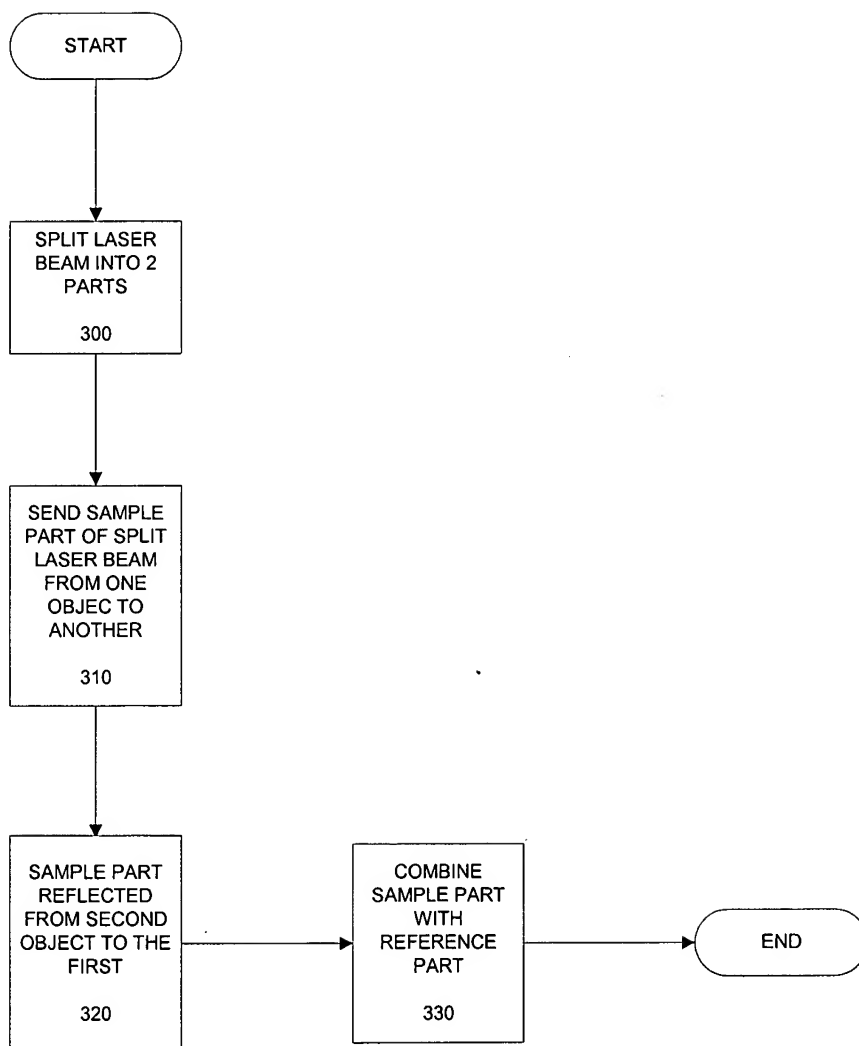
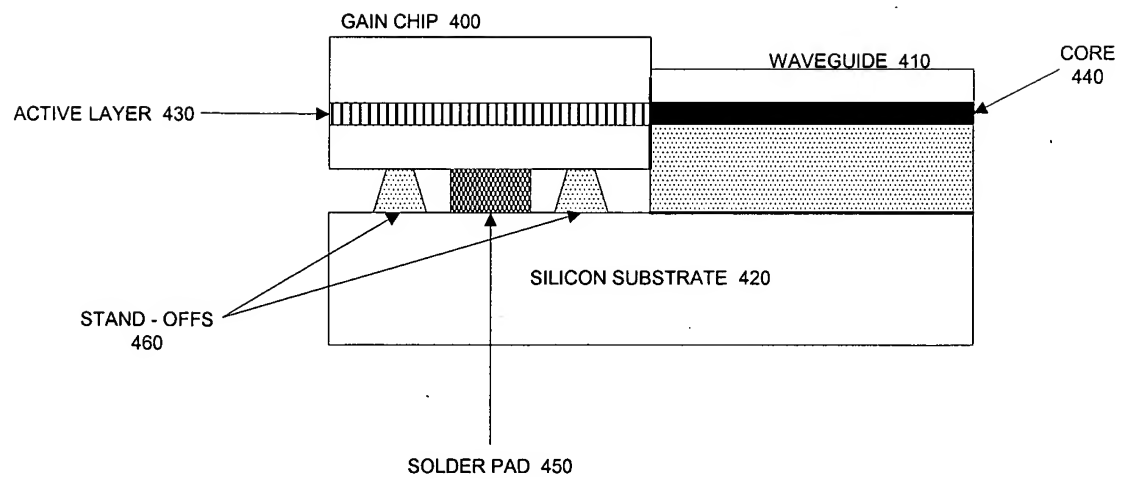
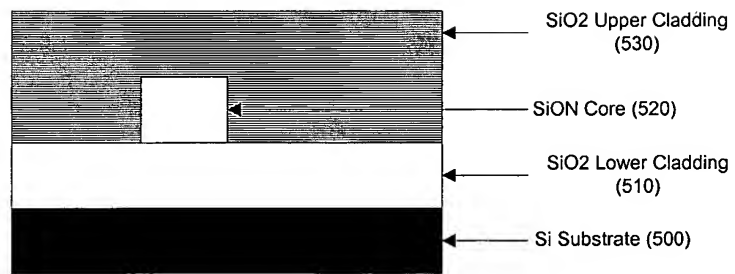


Figure 4



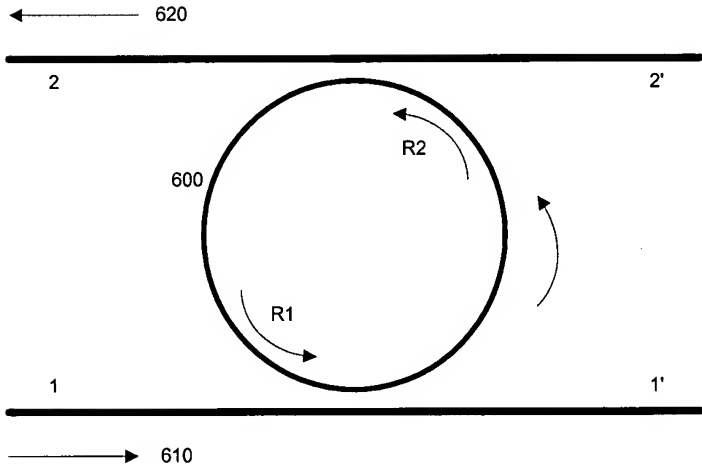
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FIGURE 5



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FIGURE 6



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FIGURE 7

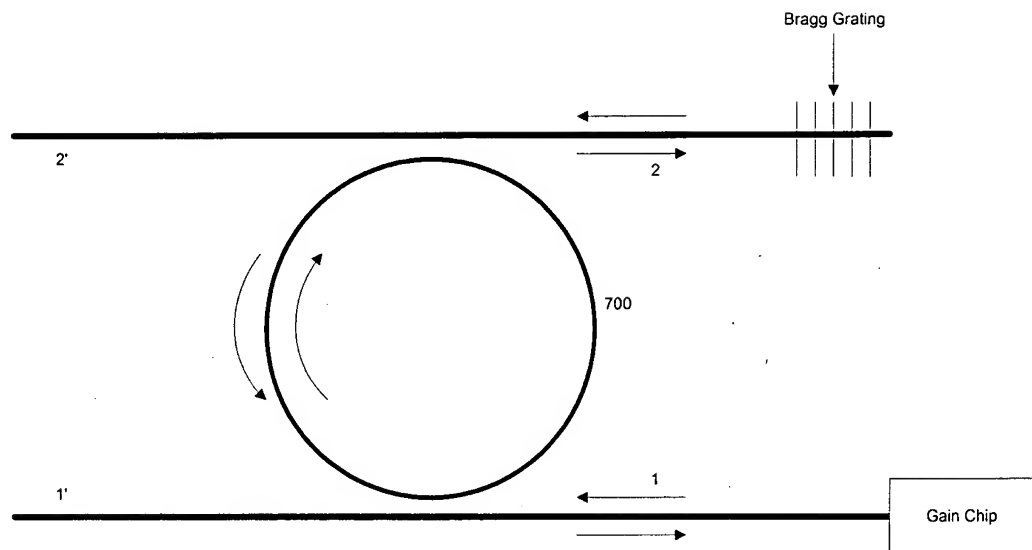
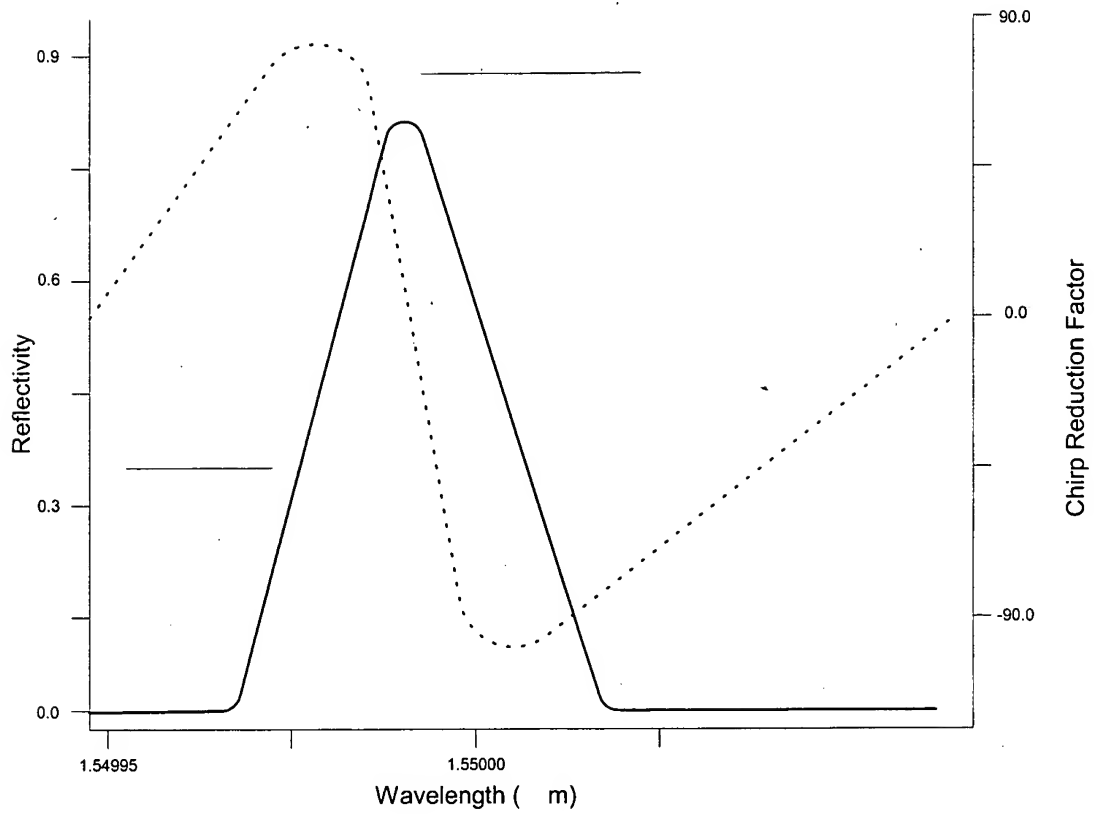


FIGURE 8



..... = Chirp Reduction Factor

———— = Resonator Reflectivity